FIGURE 1

FIGURE 2A

FIGURE 2C

272

275

270

FIGURE 2B

272

270

FIGURE 2E

276

272

274

270

275

FIGURE 2D

276

272

274

270

FIGURE 3A

136

323a

123a

335a

323b

335b

323c

130

323d

123e

123c

395

390

FIGURE 3B

FIGURE 4

150

156

152

158

154

122

142a

158

152
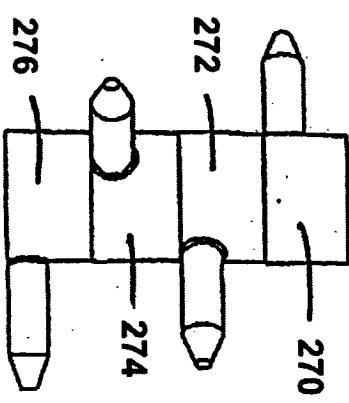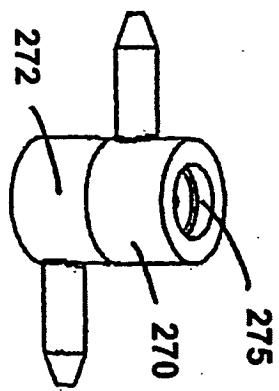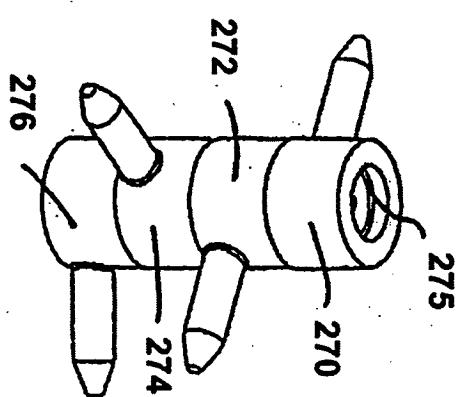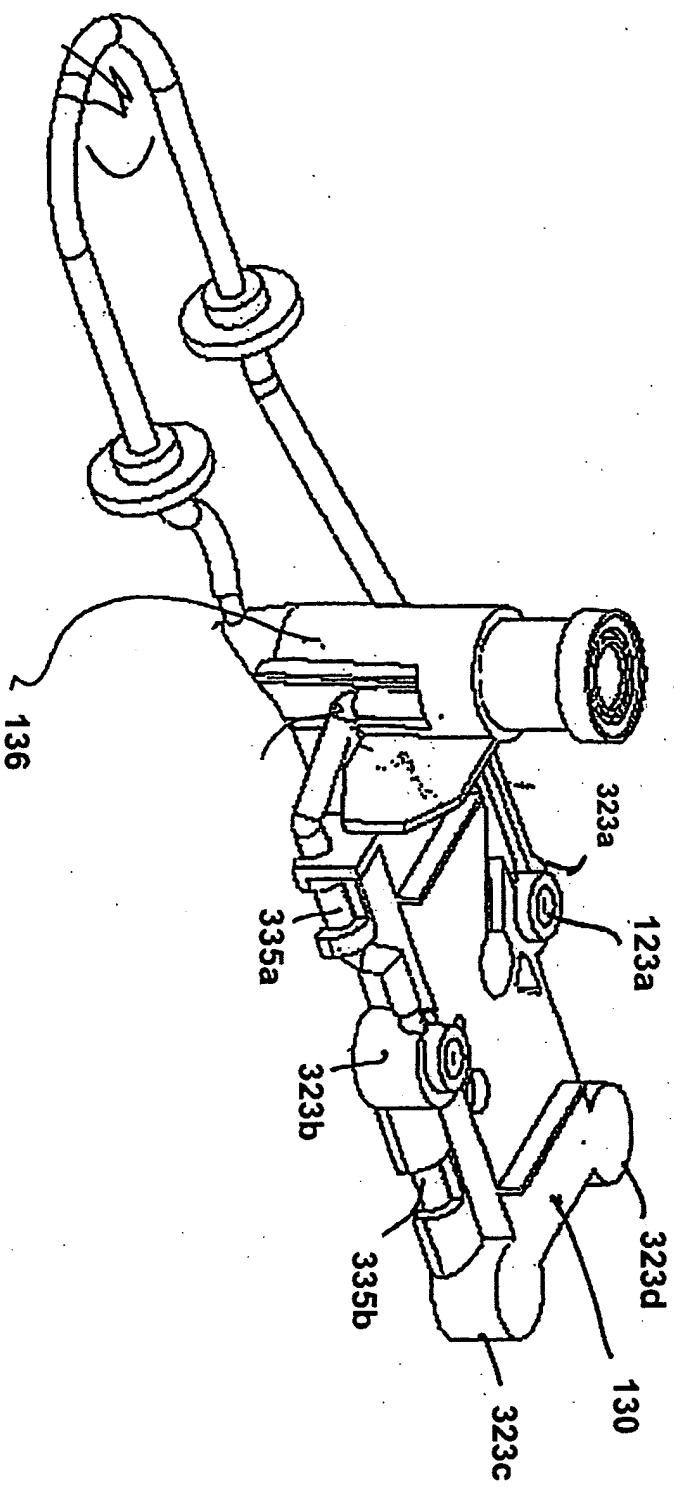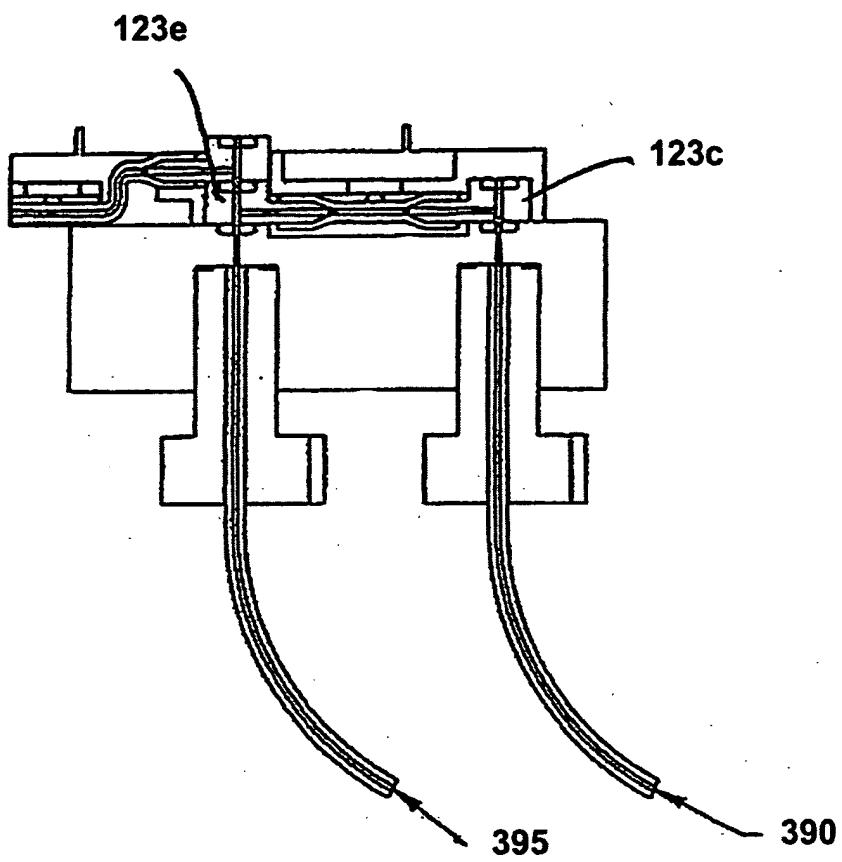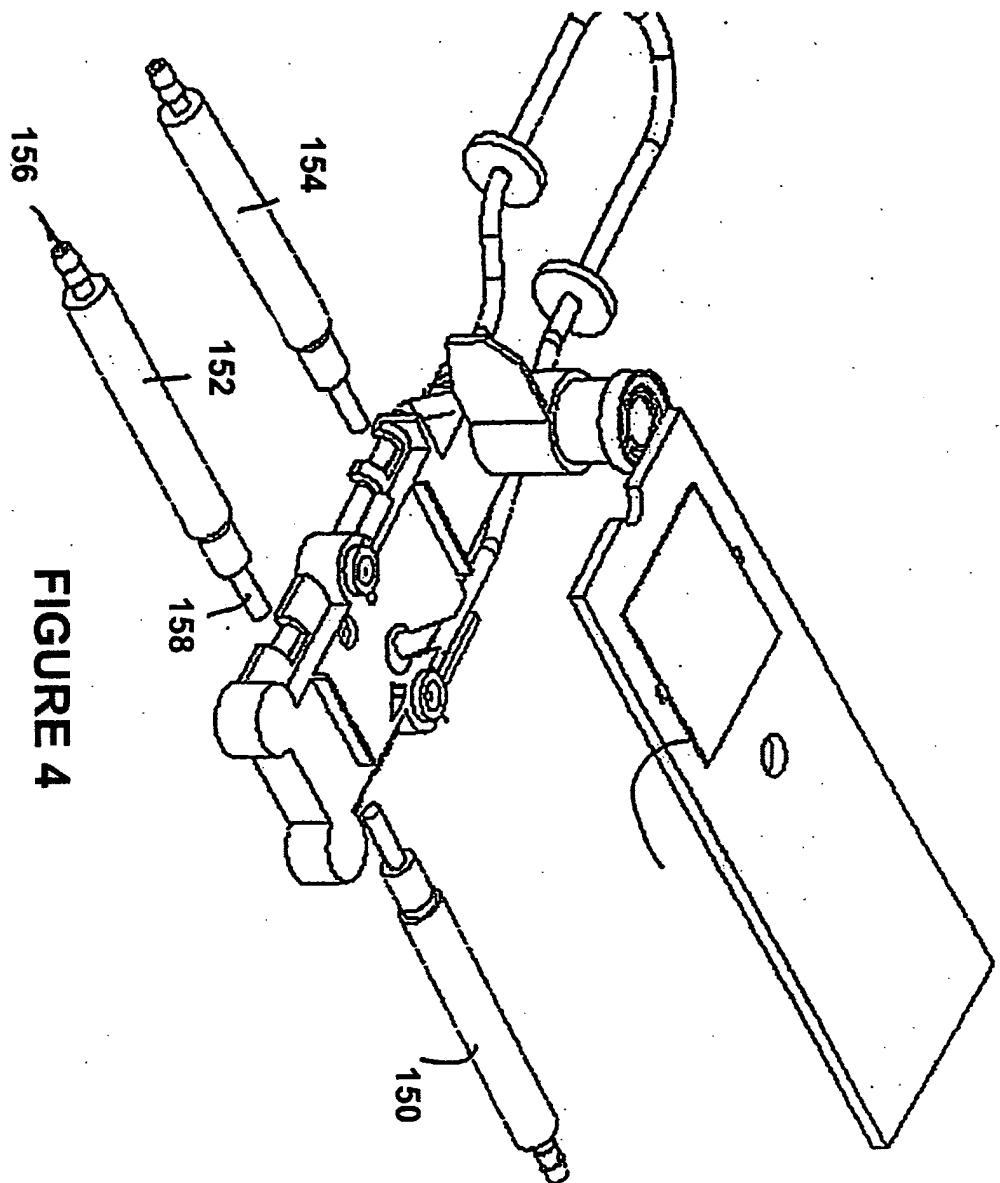
154
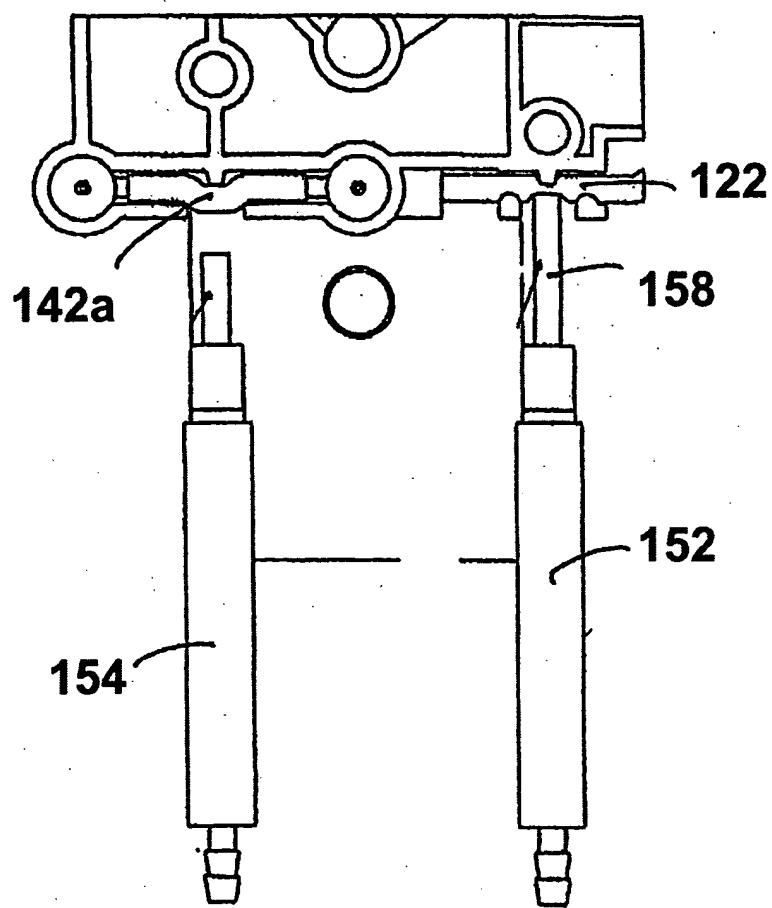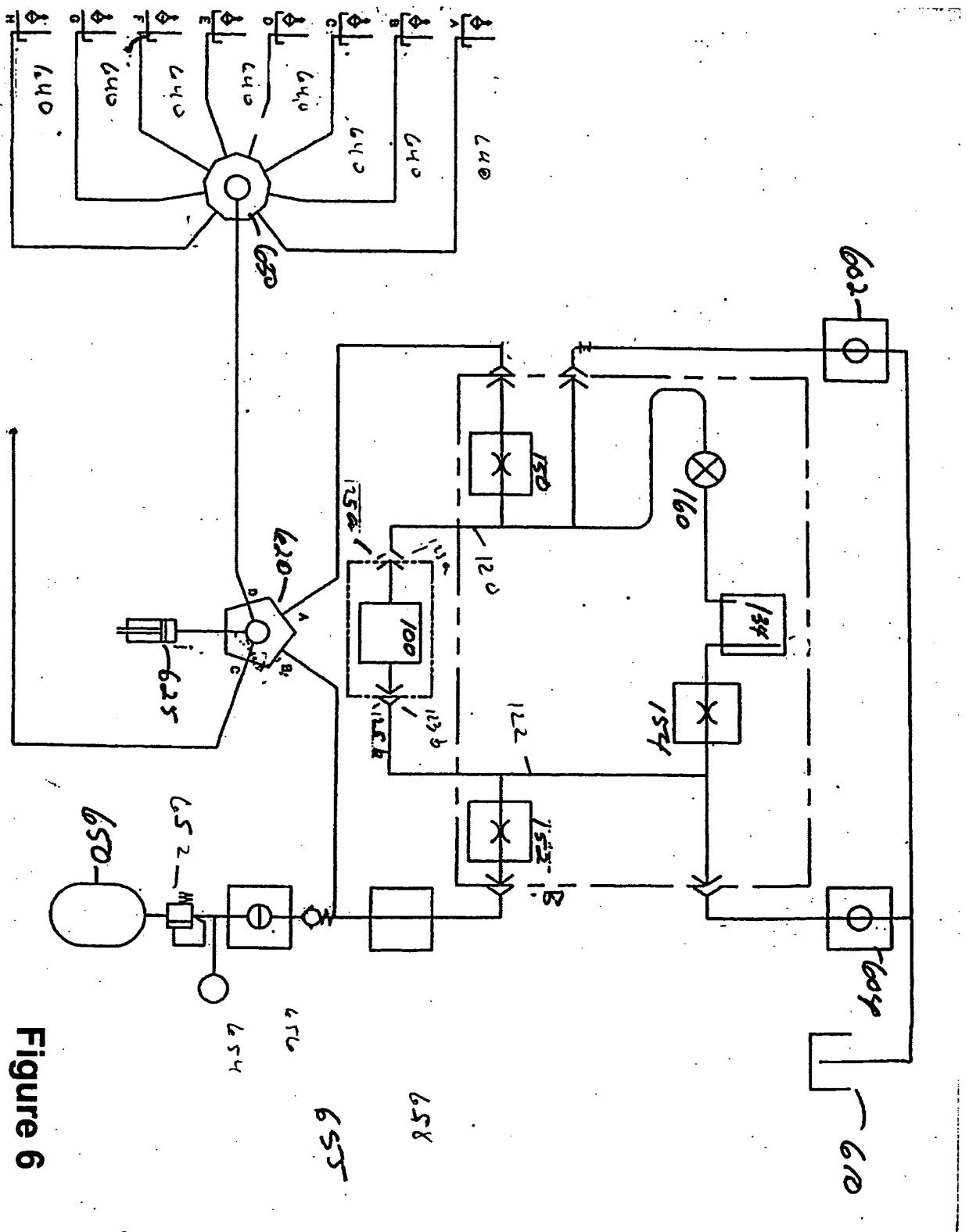
FIGURE 5

Figure 6

Figure 7

Figure 8

160

154

151

100

604

152

150

602
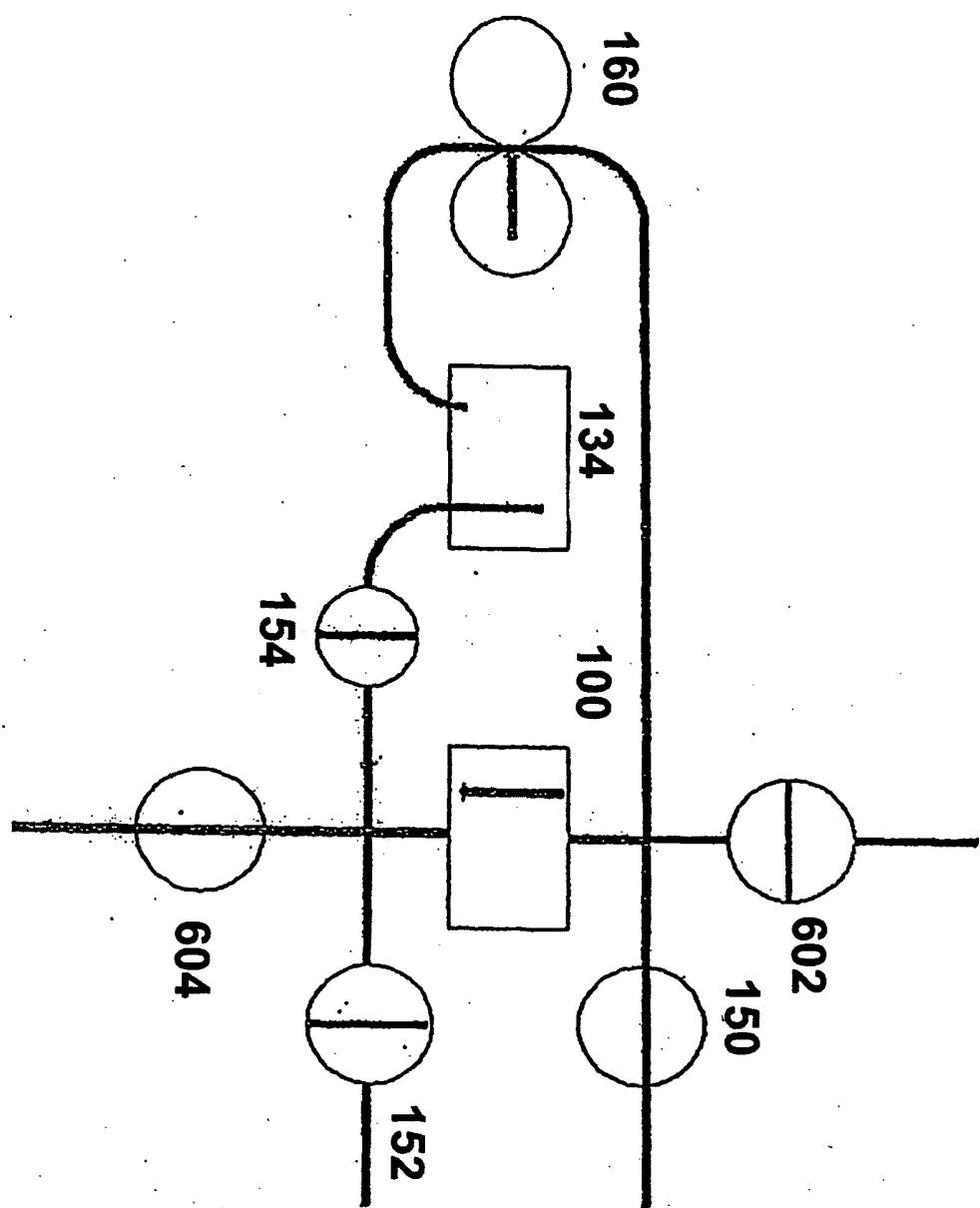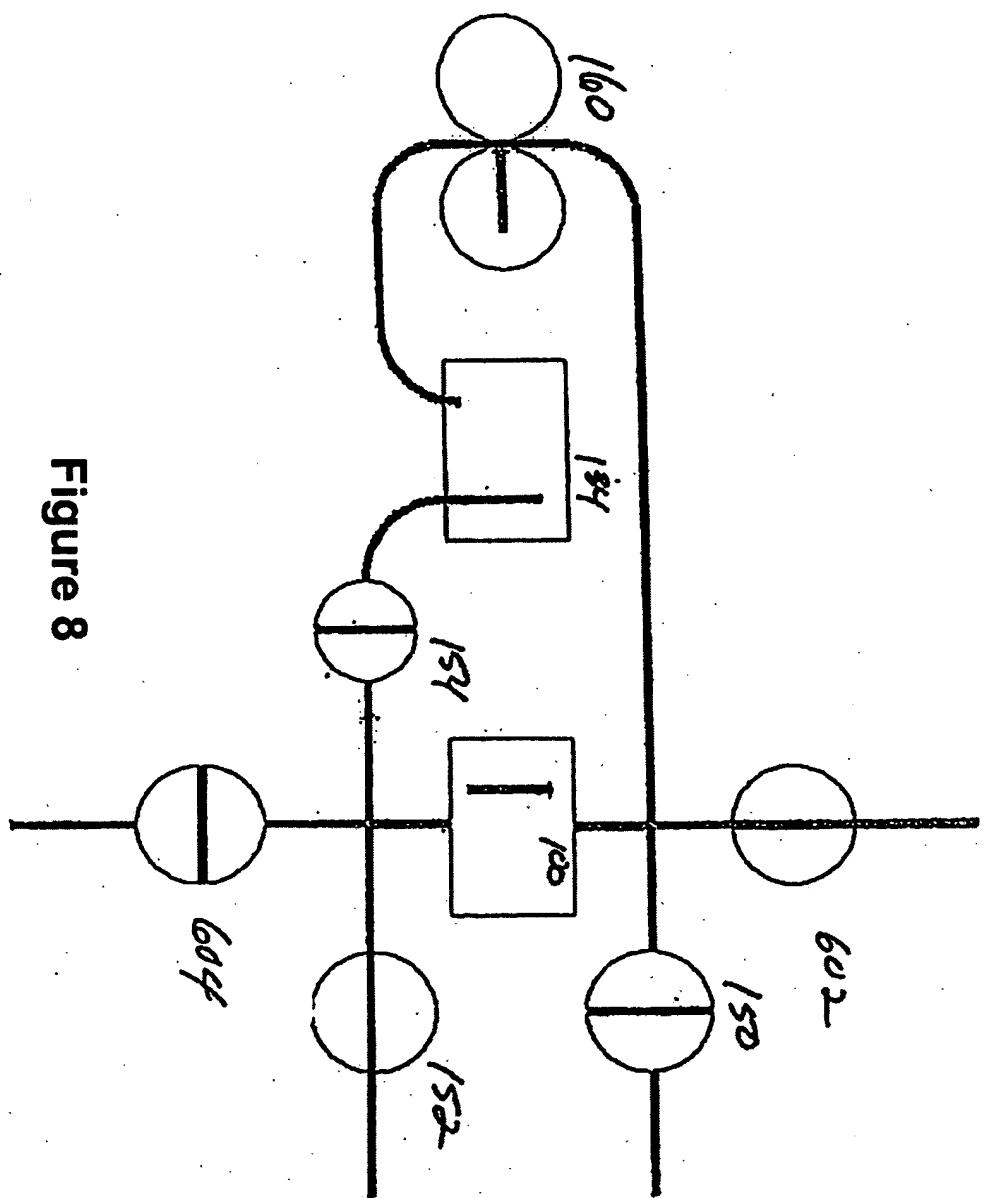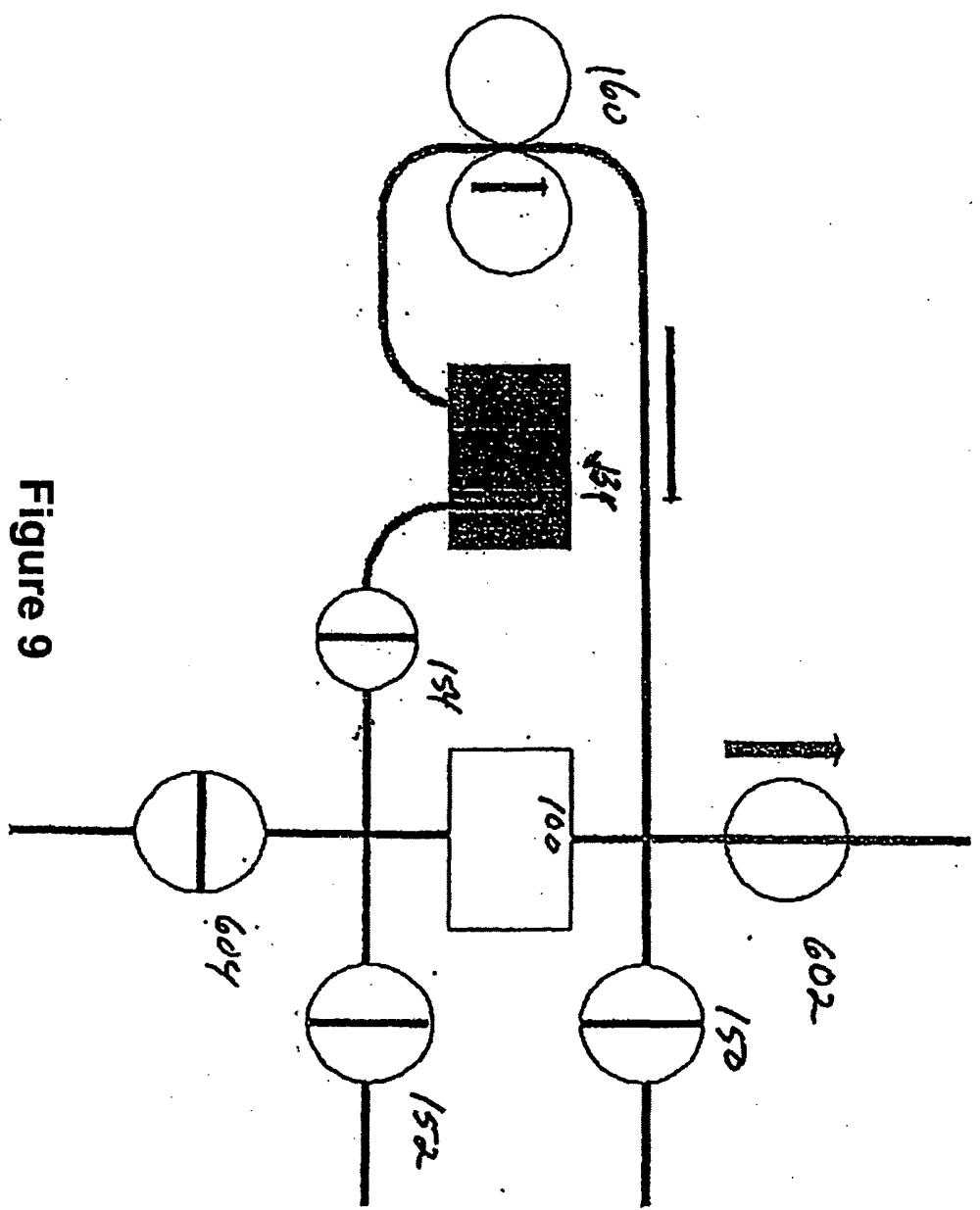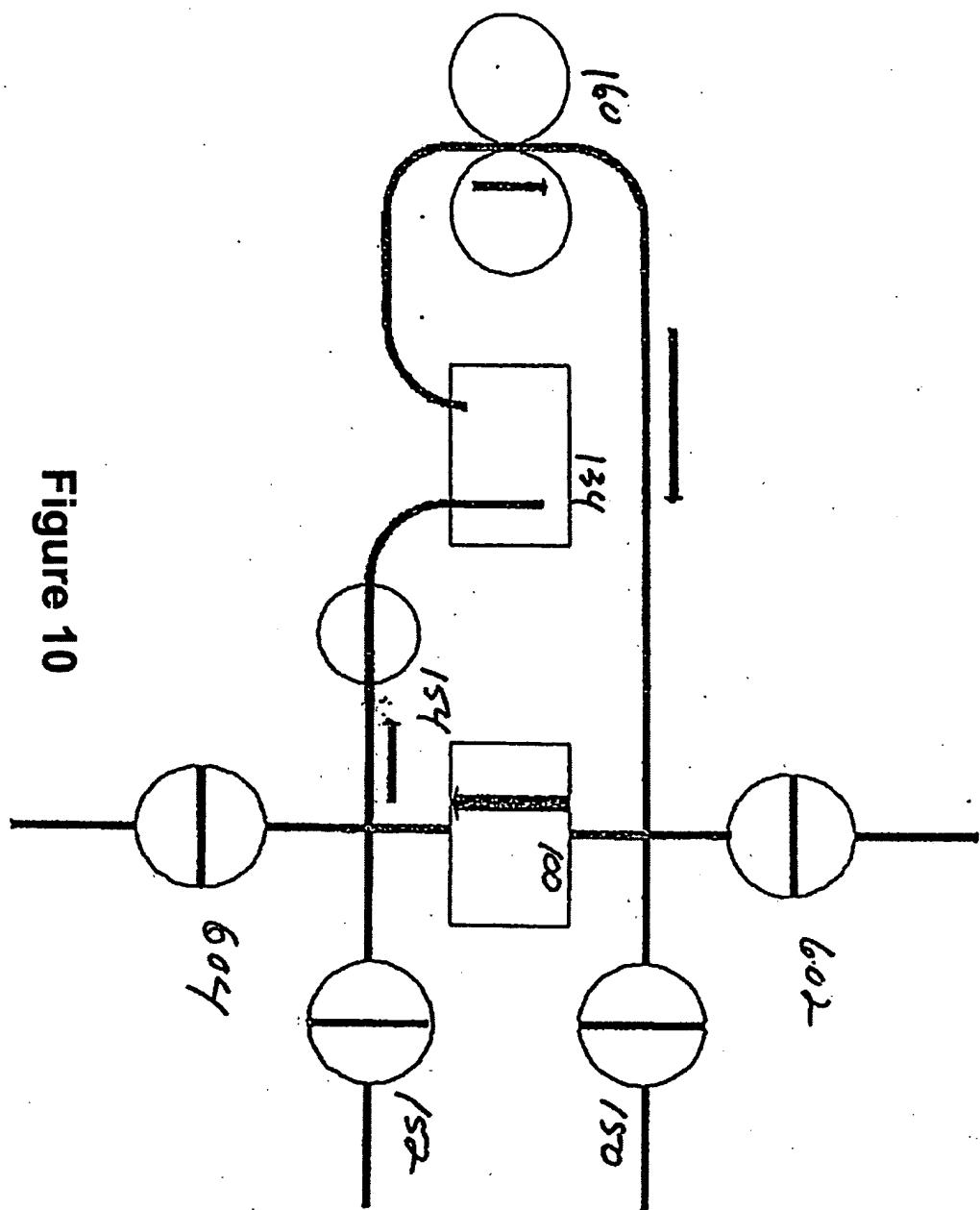
Figure 9

Figure 10

Figure 11
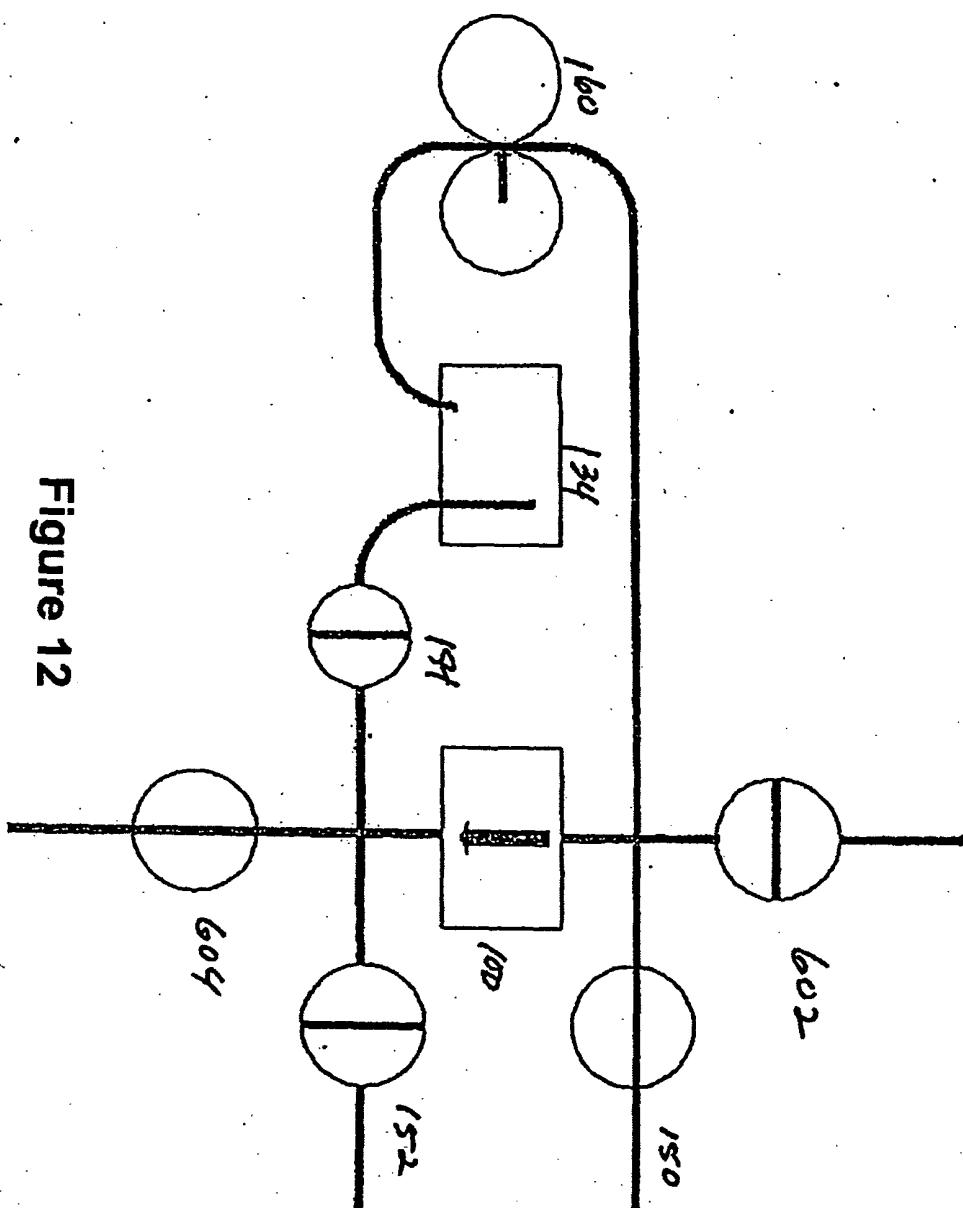
Figure 12

160

134

194

100

604

152

150

602

1350

1340

1335

1330

1325

1306

1305

1308

1310

1315

100

FIGURE 13

Figure 14A

13.50

Figure 14B

1502

1501   **1503**

(a)

δ

1501

1502

1503

(b)

Figure 15

Figure 16

```
┌──────────────┐                              ┌──────────────┐
│              │──────────────────────────────│     1501     │
│     1602     │                              └──────────────┘
│              │       ┌──────────────┐       ┌──────────────┐
│    ⎍⎍⎍       │───────│     1604     │───────│     1502     │
│              │       └──────────────┘       └──────────────┘
│              │       ┌──────────────┐       ┌──────────────┐
└──────────────┘───────│     1606     │───────│     1503     │
                       └──────────────┘       └──────────────┘
```

Figure 17

Pumping rate vs Frequency

1801   1802   1803   1804

1801

1802

1803

1804

Figure 18

1801 1802 1803 1804

1902
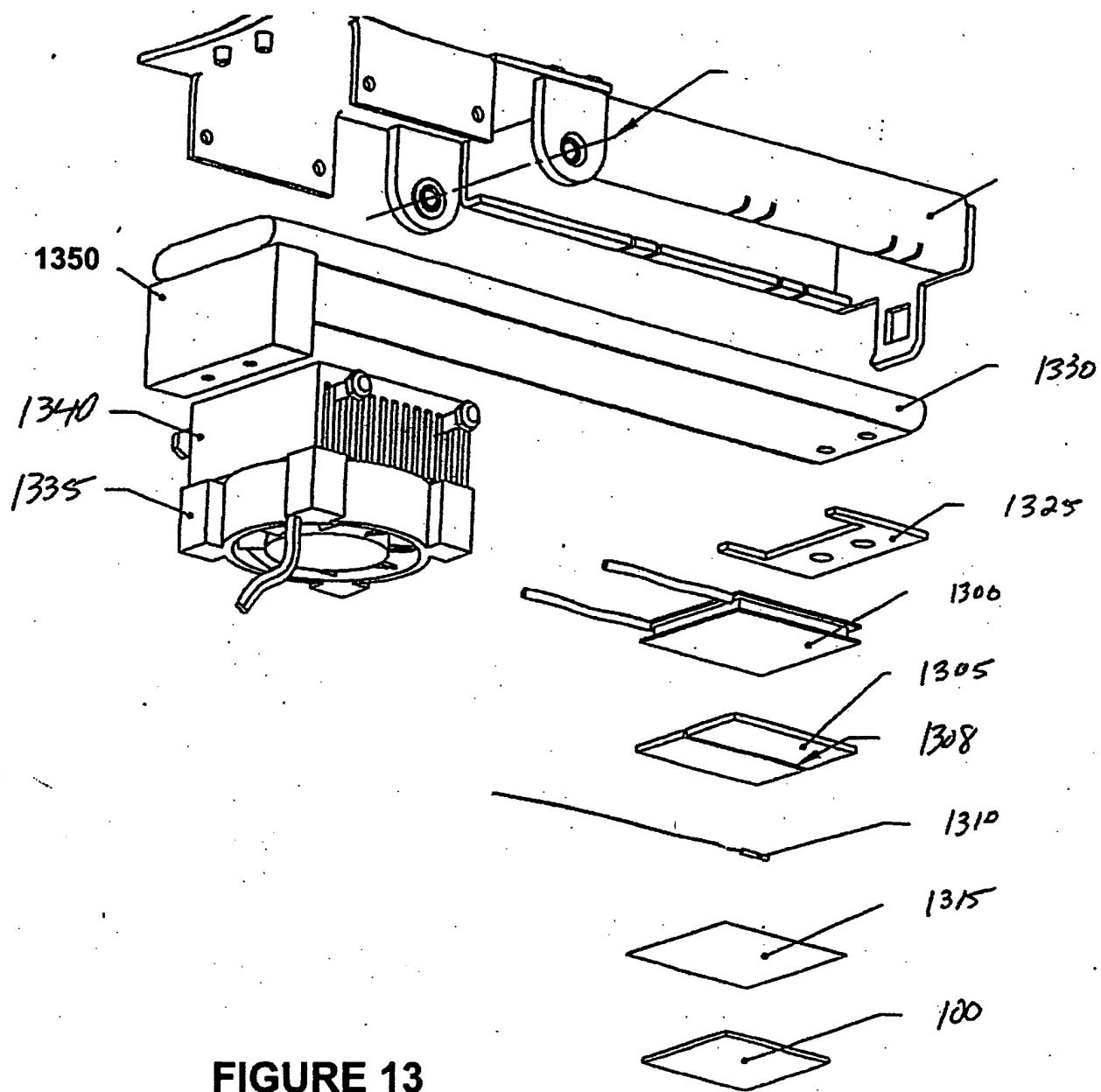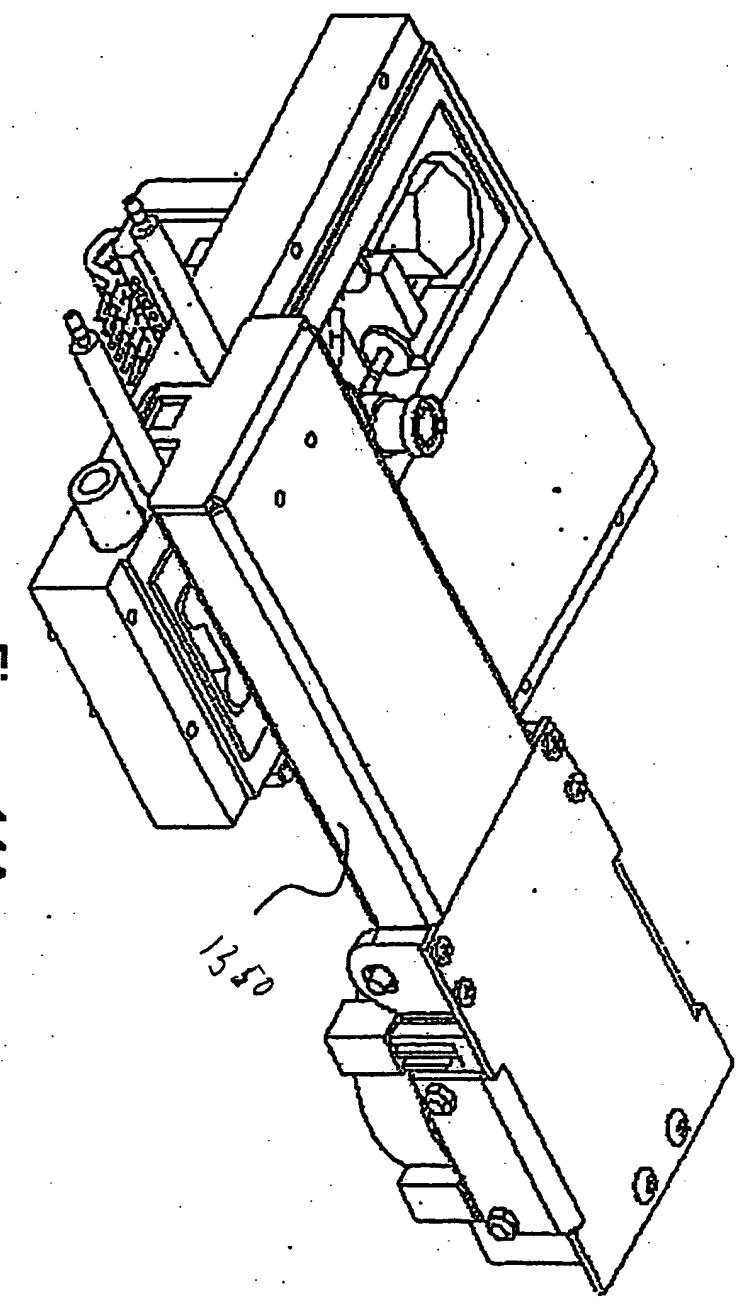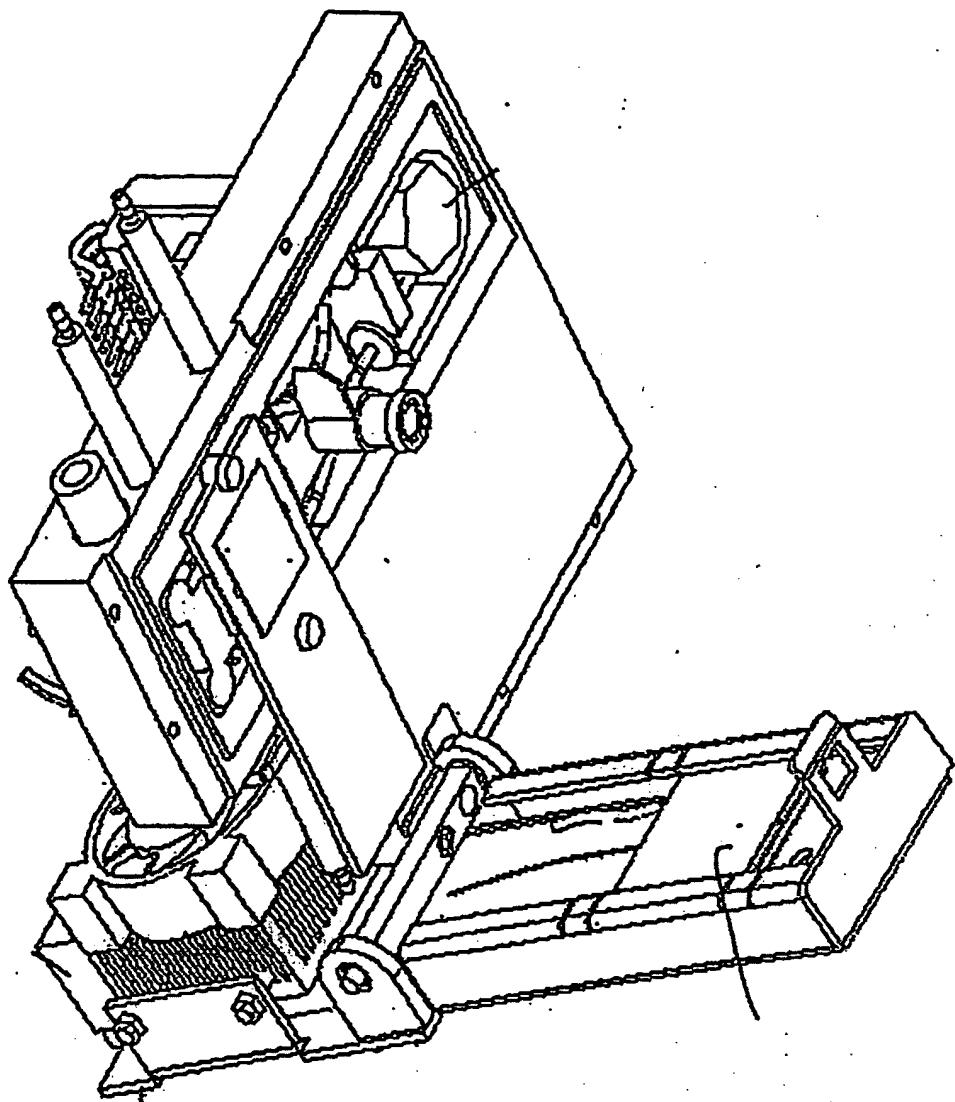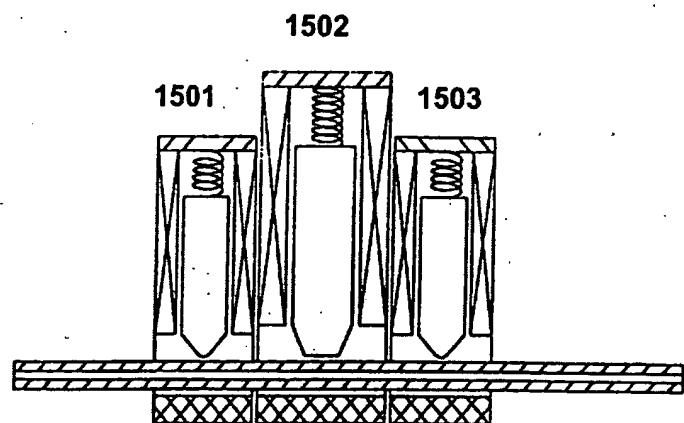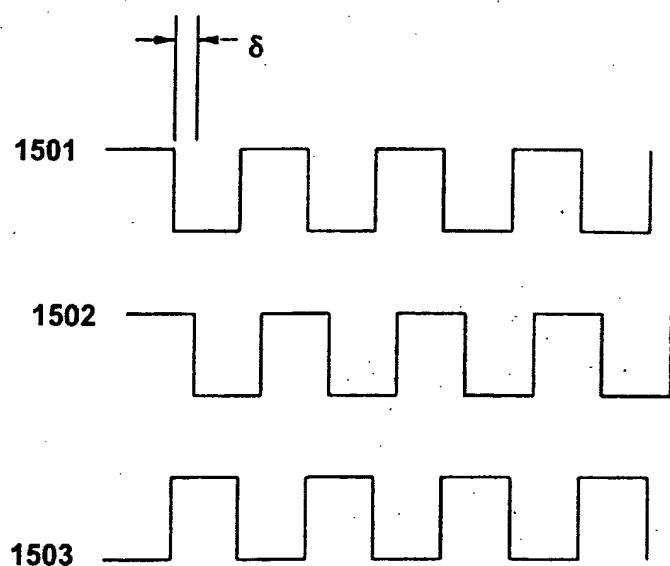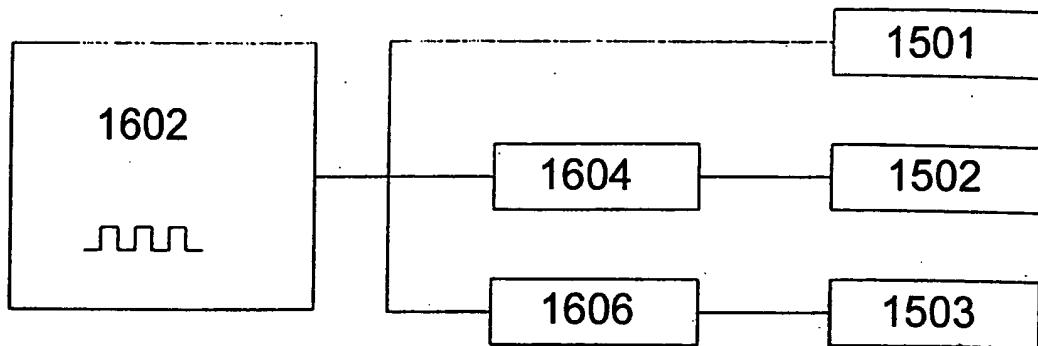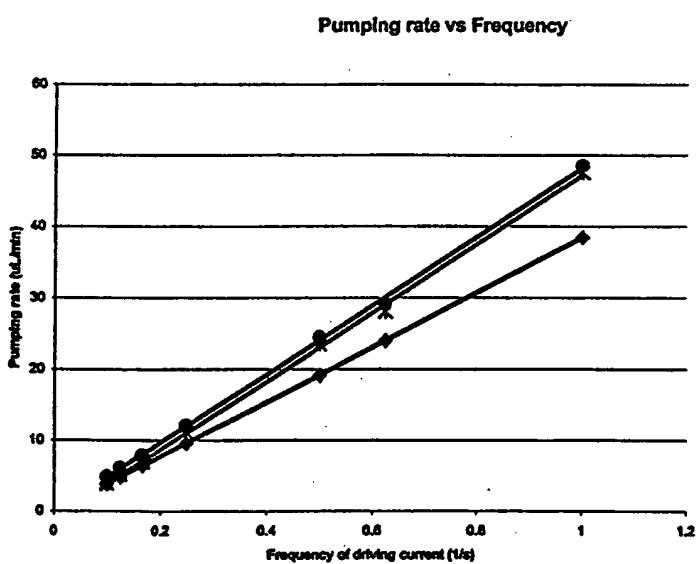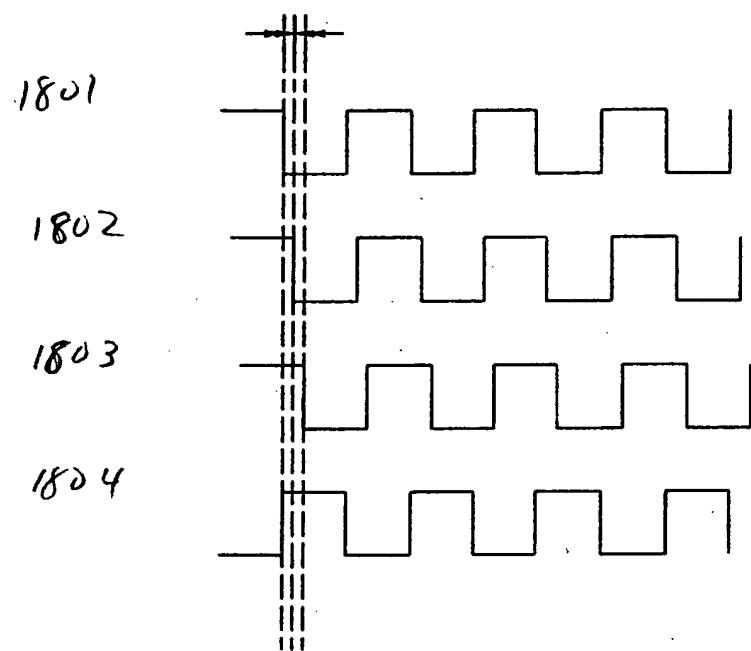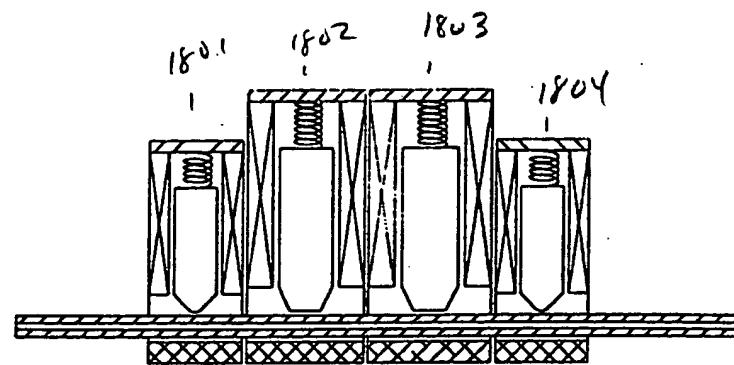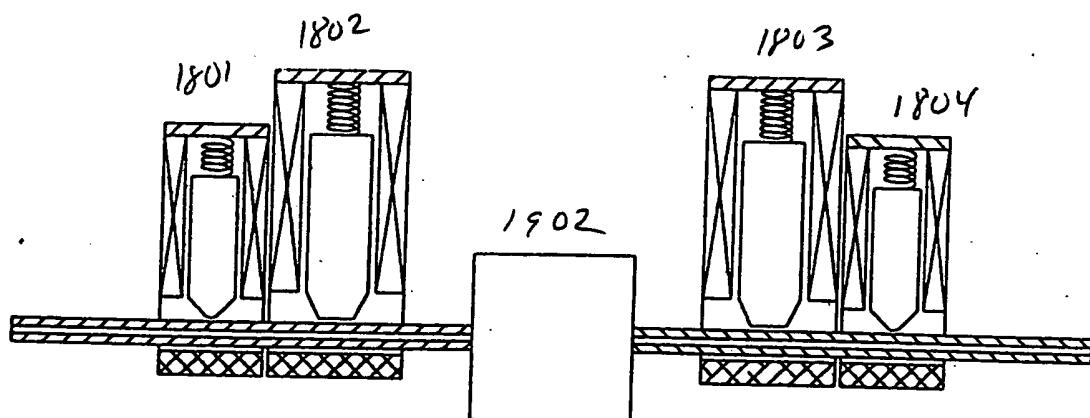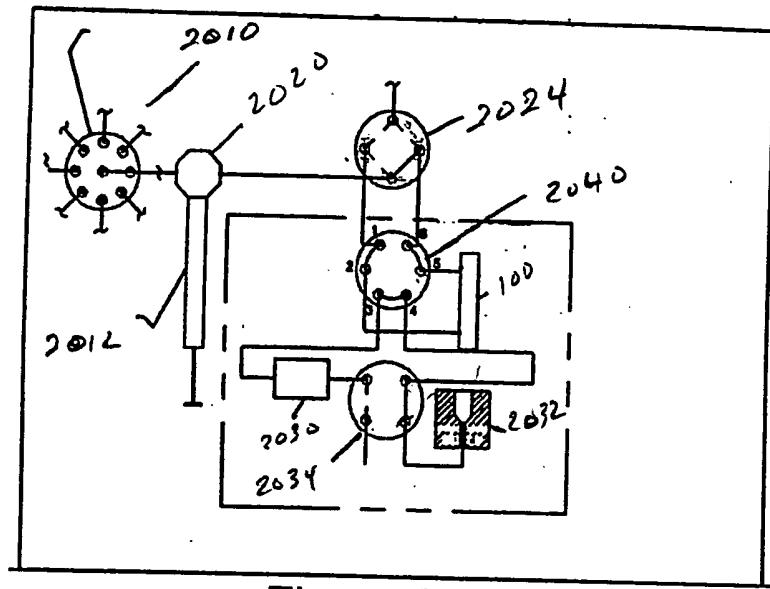
Figure 19

Figure 20A

Figure 20B

Figure 21

2302

2306

2310

2312

2308

2314

2304

Figure 22

2410 3

25 04

2052

25 02

**Figure 24**

2402

2410

3042

2404

2412

2012

Figure 23

2610

2612

2608

2604   2602

2606
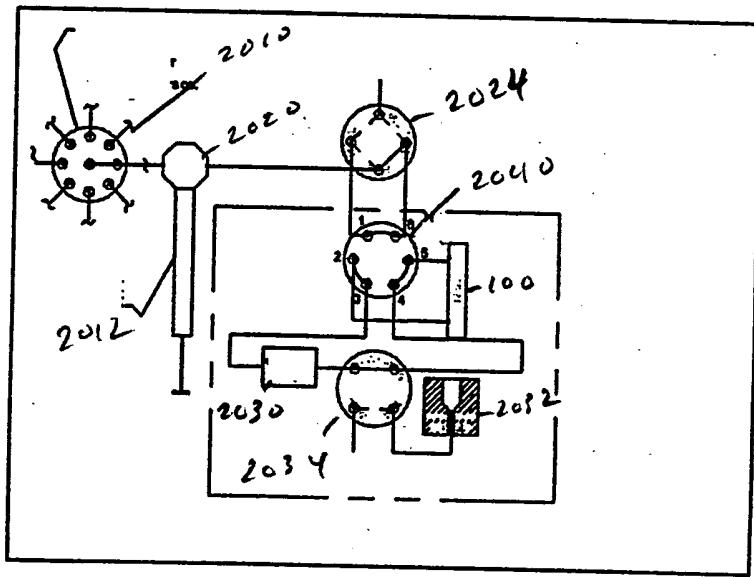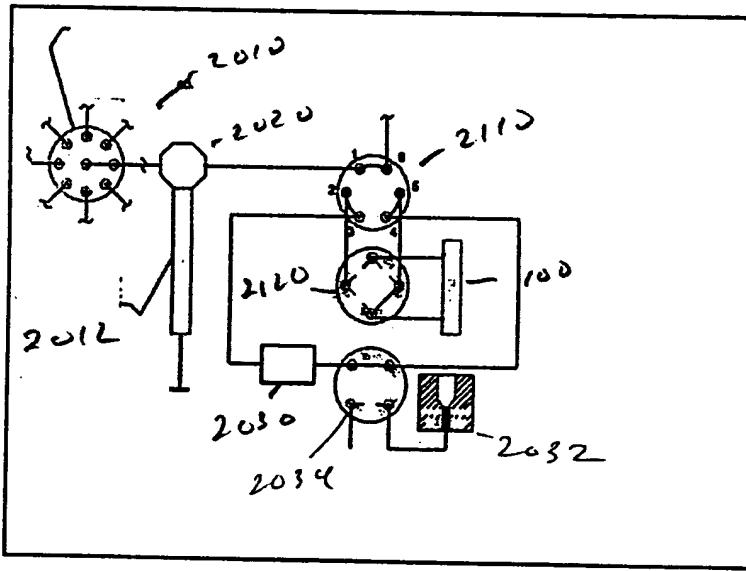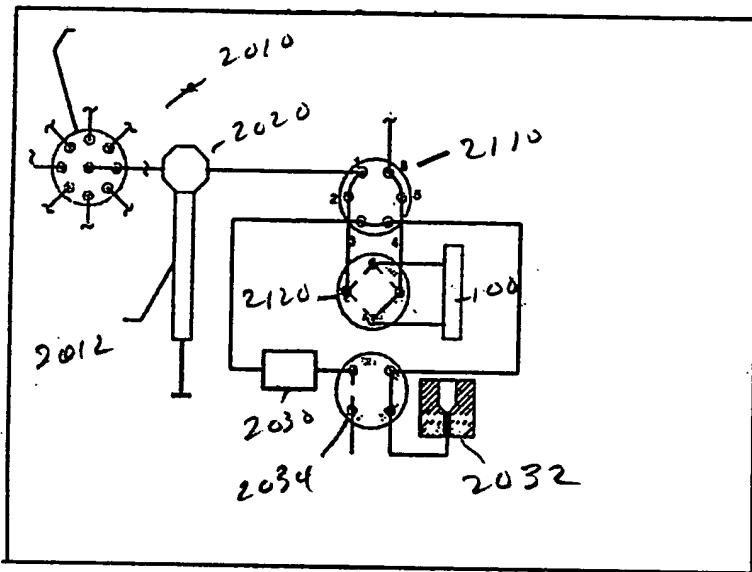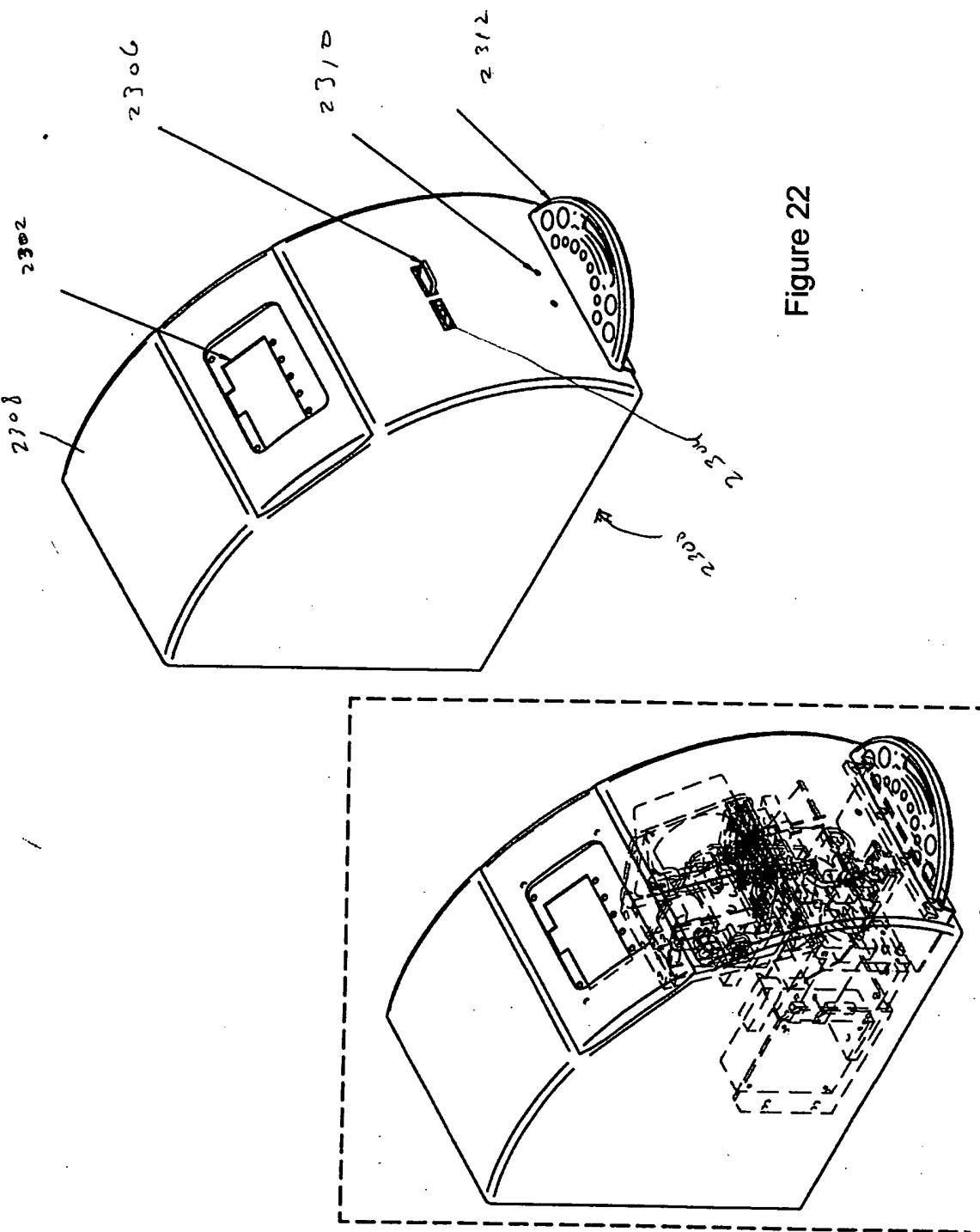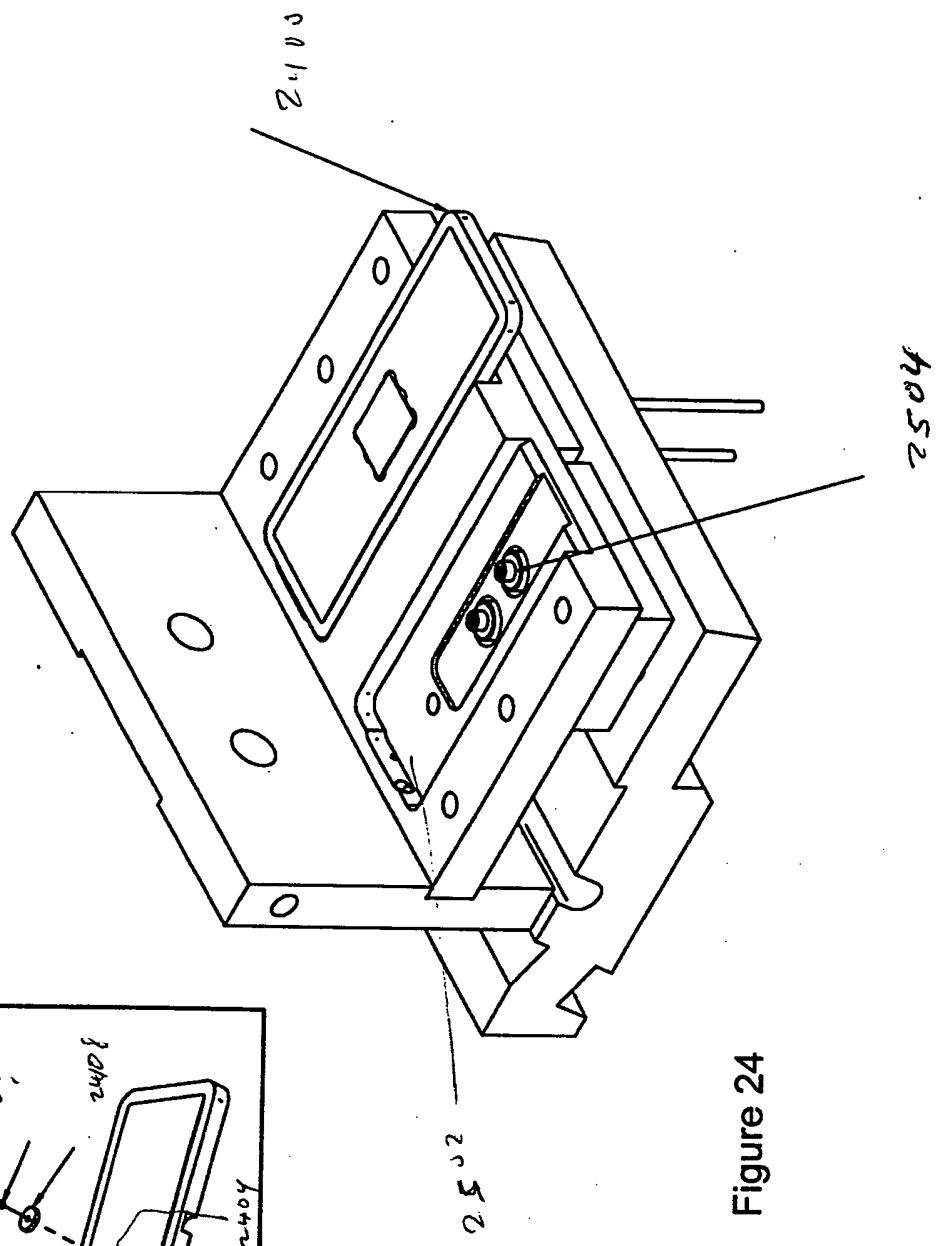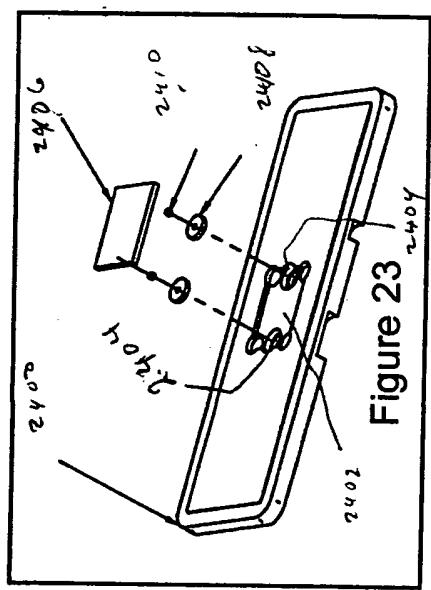
2614
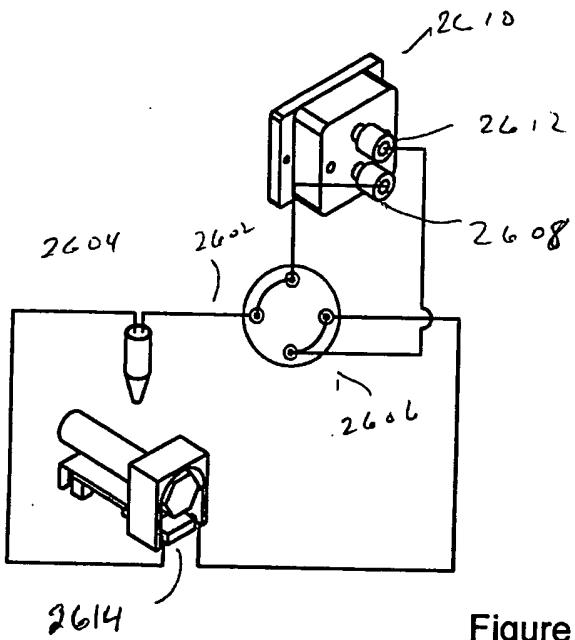
Figure 25

Figure 26

Figure 27

2902

2950

2908   2906
2910

2912

2940

2942

2904

2904

2904

2904

2904

2904

2944

2944

2944

2944

2944

2944
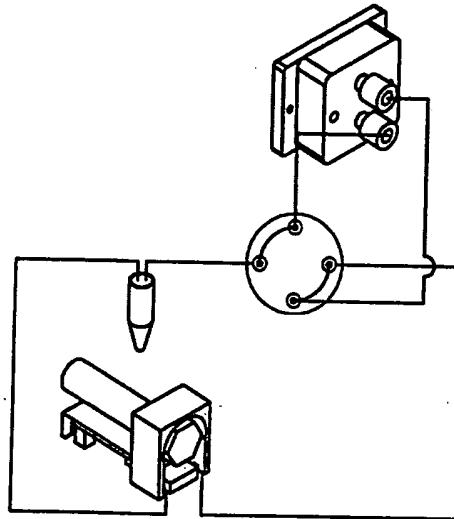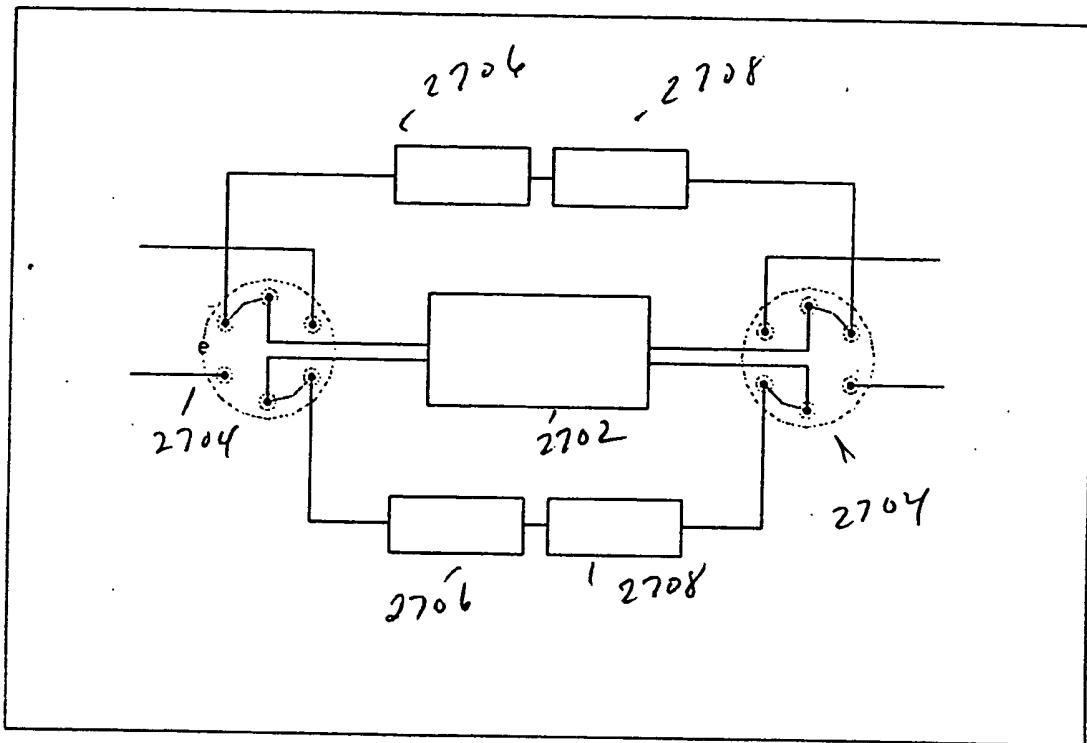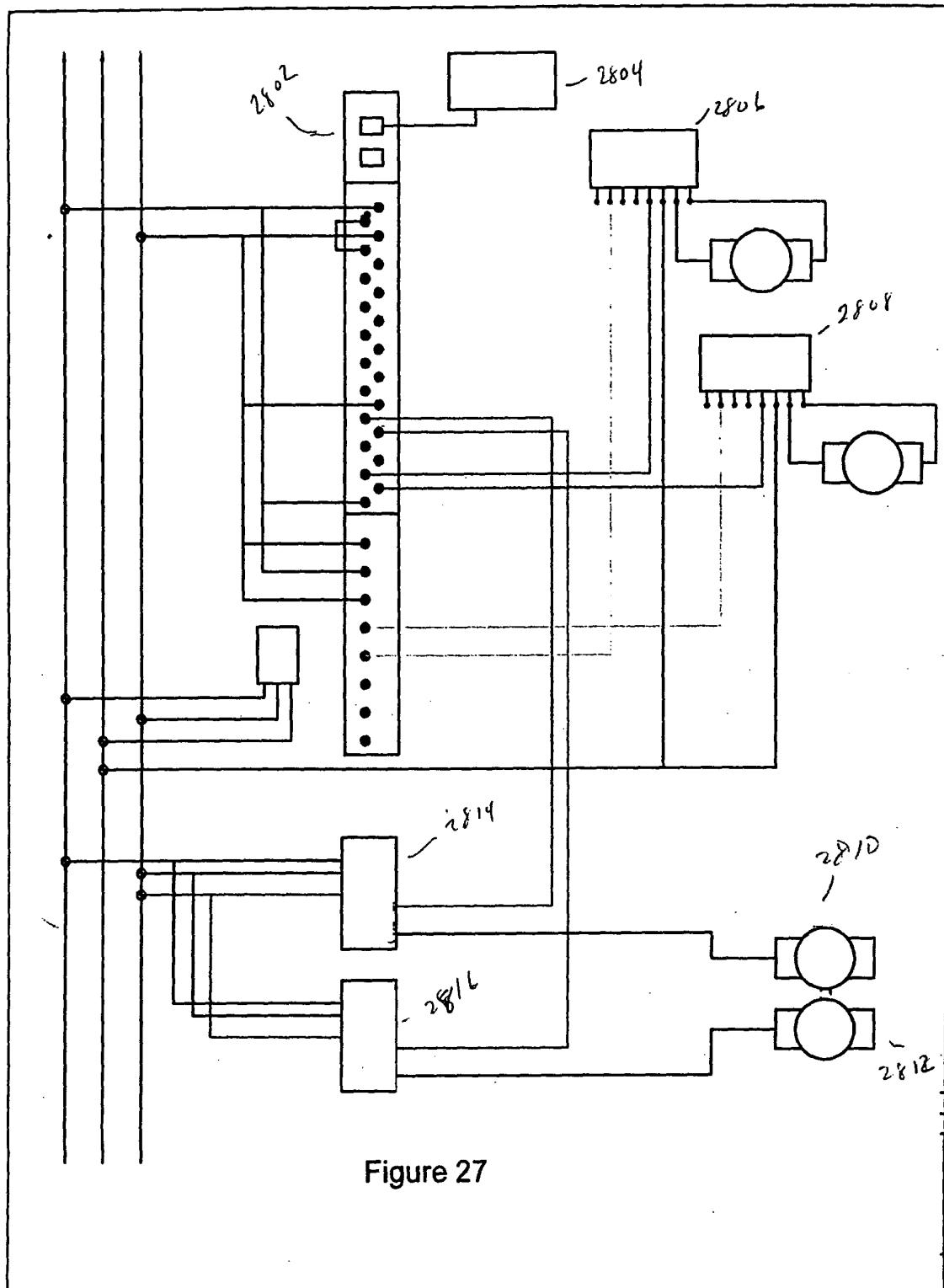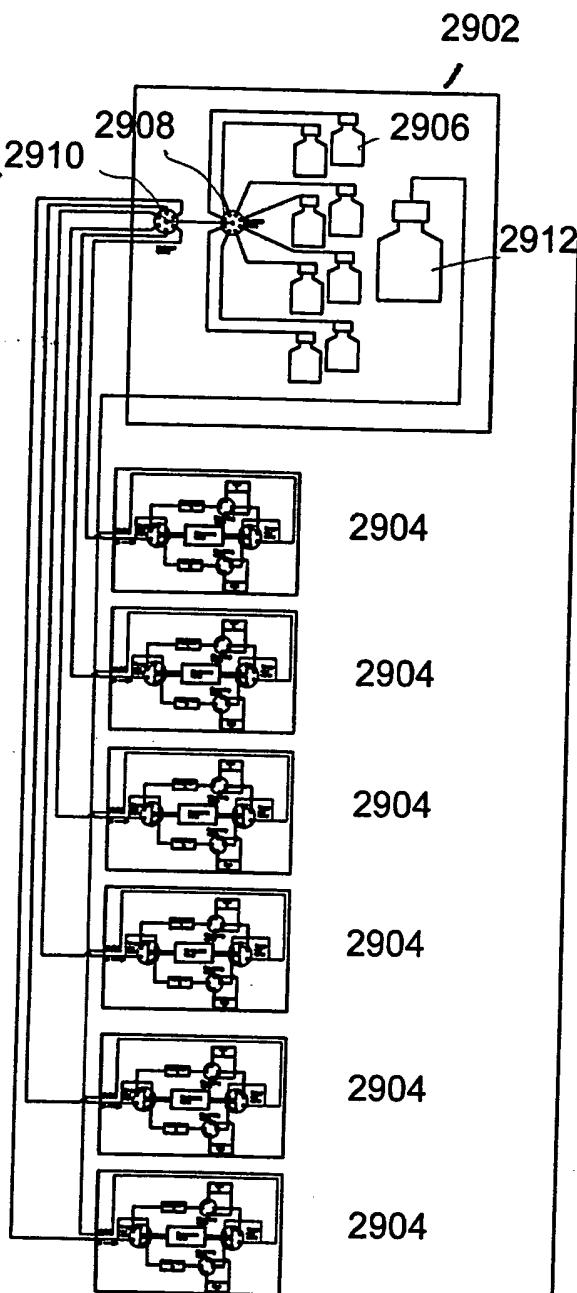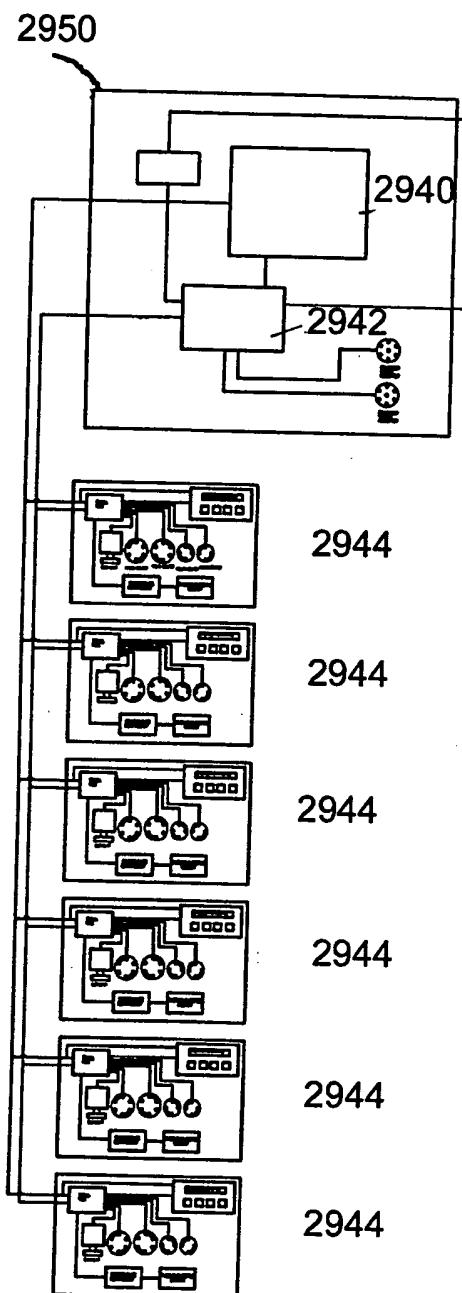
Figure 28A

Figure 28B

Figure 29B

Figure 29D

Figure 29A

Figure 29C

Figure 30

3202

3206

3202

3204

Figure 31

3306

3302

3304   3302

Figure 32

3402

3404

Figure 33